

## Summary of Michigan Wildlife Bovine Tuberculosis Surveillance

Michigan Department of Natural Resources Wildlife Disease Lab

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### Initial Occurrences

In 1975 a 9 year-old female white-tailed deer from Alcona County, and in 1994 a 4 year-old male deer from Alpena County were submitted with lesions consistent with and testing positive for Bovine TB.

### White-tailed Deer TB Surveillance

| Year                | Number of Deer Positive | Total Deer Tested |
|---------------------|-------------------------|-------------------|
| Initial Occurrences | 2                       | 2                 |
| 1995                | 18                      | 403               |
| 1996                | 56                      | 4,967             |
| 1997                | 73                      | 3,720             |
| 1998                | 78                      | 9,057             |
| 1999                | 58                      | 19,500            |
| 2000                | 53                      | 25,858            |
| 2001                | 60                      | 24,278            |
| 2002                | 51                      | 18,100            |
| 2003                | 32                      | 17,308            |
| 2004                | 28                      | 15,130            |
| 2005                | 16                      | 7,361             |
| 2006                | 0                       | 68                |
| Grand Total         | 525                     | 145,752           |

| <u>2005: POSITIVE</u>    |   |                       |
|--------------------------|---|-----------------------|
| <u>White-tailed Deer</u> |   | <u>Other Wildlife</u> |
| Alpena                   | 6 | 1 coyote Montmorency  |
| Alcona                   | 4 |                       |
| Oscoda                   | 4 |                       |
| Montmorency              | 1 |                       |
| Presque Isle             | 1 |                       |

### Elk Surveillance

- 1,519 elk have been tested from May 1996 to the present
- 1 tested in 2006, 127 tested in 2005, 109 tested in 2004
- One elk from Montmorency tested positive in 2000
- One elk from Montmorency tested positive in 2001
- Two elk - Presque Isle & Montmorency - tested positive in 2003

### Moose Surveillance

- 8 tested in 2005, 21 tested in 2003 & 2004 - all tested negative

### Carnivore (Non-cervid) Surveillance 1996-2002

- 1,514 carnivores tested (16 species). 43 tested positive for bovine TB:  
19 coyotes, 8 raccoons, 7 black bear, 4 bobcat, 3 red fox, 2 opossum

